Title

Name1,[1] Name2,[1] and Name3[2]

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(Dated: February 19, 2023)

This is a structured abstract.

Background: Why?

Purpose: Why did you do it?

Method: How did you do it?

Results: What did you do and what did you find out?

Conclusions: What does that mean?

Keywords: Keyword1; Keyword2; Keyword3

I. INTRODUCTION

This is a quotation.

This is introduction. Here is a citation [1].

II. METHODS

A. Method1

This is for method1. An inline equation $1 + 1 \geq 2$. A numbered equation:

$$F = U - TS \tag{1}$$

An unnumbered equation:

$$H = T + V$$

Multiple equations:

$$\Phi = \frac{1}{c}e^{-ikx} \tag{2}$$

$$|\Phi|^2 = 1 \tag{3}$$

This is a long equation:

$$(1-x)^n = 1 - nx + \frac{1}{2}(n-1)nx^2 - \frac{1}{6}((n-2)(n-1)n)x^3 + ...$$

B. Method2

This is for method2. This is online citation 2.

III. RESULTS & DISCUSSION

A. Result1

This is result1.

B. Result2

This is result2. Here is a long table: (switch to one-column)

TABLE I: This is a table.

Item Index	Tag Name	Value1	Value2	Value3	Descriptions
A	a	u	x	1	note1
B	b	v	y	2	note2
C	c	w	z	3	note3

(switch back to two-column)

b. Conclusion2 This is conclusion2.

C. Discussion

This is discussion.

IV. CONCLUSION

a. Conclusion1 This is conclusion1.

ACKNOWLEDGMENTS

Author1 thanks to Author2 and Author3.

[1] T. Nishimatsu, U. V. Waghmare, Y. Kawazoe, and D. Vanderbilt, Phys. Rev. B **78**, 104104 (2008), URL https://link.aps.org/doi/10.1103/PhysRevB.78.104104.

[2] J. Paul, T. Nishimatsu, Y. Kawazoe, and U. V. Waghmare, Phys. Rev. Lett. **99**, 077601 (2007), URL https://link.aps.org/doi/10.1103/PhysRevLett.99.077601.

APPENDIX1

This is appendix1.

APPENDIX2

This is appendix2.